

Title (en)
MASTER PART AND RELEVANT MANUFACTURING PROCESS

Publication
EP 0415938 B1 19930526 (EN)

Application
EP 89903731 A 19890322

Priority
IT 342388 A 19880421

Abstract (en)
[origin: WO8910530A1] A reference master part for linear dimensions and/or geometrical and/or shape features of determined workpieces (30) comprises precision-machined surfaces having mutual spatial arrangements such as to provide known references for said dimensions, etc. For simplifying the manufacturing processes and reducing the costs, the master part is made of a support body (1; 31) of ordinary material, reference elements (7, 8; 41-46, 50, 51, 54-57, 63, 64, 70, 71), of special material for master parts, fixed in corresponding seats (4; 33-38, 58-60) of the support body, and supporting and guiding elements (63, 64, 70, 71), made of special material, fixed to the support body. During the master part manufacturing, the reference elements are adjusted and then fixed in the relevant seats.

IPC 1-7
B23Q 5/42; **B23Q 16/00**; **G01B 3/14**; **G01B 5/20**

IPC 8 full level
B23Q 5/42 (2006.01); **B23Q 16/00** (2006.01); **B23Q 35/42** (2006.01); **G01B 3/14** (2006.01); **G01B 5/20** (2006.01); **G01B 5/008** (2006.01); **G01B 5/207** (2006.01)

CPC (source: EP KR US)
B23Q 16/001 (2013.01 - EP US); **B23Q 35/42** (2013.01 - EP US); **G01B 3/14** (2013.01 - EP KR US); **G01B 5/207** (2013.01 - EP US)

Citation (examination)
US 2537340 A 19510109 - FONDA DOUGLASS C

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 8910530 A1 19891102; BR 8907387 A 19910416; DE 68906790 D1 19930701; DE 68906790 T2 19931209; EP 0415938 A1 19910313; EP 0415938 B1 19930526; IT 1220339 B 19900615; IT 8803423 A0 19880421; JP H03500089 A 19910110; KR 920700386 A 19920219; US 5113592 A 19920519

DOCDB simple family (application)
EP 8900314 W 19890322; BR 8907387 A 19890322; DE 68906790 T 19890322; EP 89903731 A 19890322; IT 342388 A 19880421; JP 50343189 A 19890322; KR 890702253 A 19891201; US 54887590 A 19900724